

### Abstract

A motor is properly aligned with a throttle valve and vibration resistance of the motor is improved.

In a throttle device having a motor for driving a throttle  
5 valve, the motor is inserted into a motor casing provided in  
a throttle body. A portion on the output-shaft side of the  
motor is held in its radial direction in the vicinity of the  
motor-insertion opening of the motor casing. A portion  
opposite to the output-shaft side of the motor is provided with  
10 elastic pieces or elastic projections. The motor and the  
elastic pieces or elastic projections are formed in a single  
piece, or the elastic pieces or elastic projections are attached  
to the motor. The elastic pieces or elastic projections are  
deformed inwardly of the radial direction of the motor so that  
15 the portion opposite to the output-shaft side of the motor is  
supported in its radial direction in the motor casing.